

1992 Annual Index for *SIMULATION*

Issues from Volume 58, Number 1 through Volume 59, Number 6

The following 1992 Annual Index contains two parts: a title and key word listing, and an author listing. All pertinent information concerning an article will be found in the author listing under the name of the first author. Co-authors, title, month of issue, pages, and the number of references, figures, and tables are shown.

The title and keyword listing shows the title, name of the first author, the page number on which the article begins and month of publication. Also listed are keywords followed by title entries for the article in question. The average article is listed five times. Keywords are marked by an asterisk, followed by the title entry; a slash / indicates that a title has been truncated.

All material published in the journal has been indexed except letters to the editor, calls for papers, and notices and programs of meetings. Advertisers are not indexed.

Title and Keyword Listing

Adaption*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Adaptive critic*Controlling a truck with an adaptive critic CMAC/	Shelton, R. O.	319	May
Adaptive systems*A "neural" network model that supports realtime/	Morrison, J. D.	152	Sept.
Adaptive-control cybernetics*Induction of decision making rules for/	Clymer, J. R.	198	Sept.
AI & Simulation	Wildberger, M.	4	Jan.
AI & Simulation	Wildberger, M.	148	Mar.
AI & Simulation	Wildberger, M.	269	Apr.
AI & Simulation	Wildberger, M.	364	June
AI & Simulation	Wildberger, M.	77	Aug.
AI & Simulation	Wildberger, M.	149	Sept.
AI & Simulation	Wildberger, M.	221	Oct.
AI & Simulation	Wildberger, M.	285	Nov.
AI & Simulation	Wildberger, M.	357	Dec.
Analog model*Simulation of hemodynamics and regulatory/	Sun, Y.	28	July
Analytical computer simulation of a complete battlefield environment	Smith, R.	7	Jan.
Animation*Real-time simulation and animation for dynamic control/	Cheok, K. C.	246	Oct.
Anticipatory fuzzy logic controller utilizing neural net prediction	McCullough	327	May
Antithetic variates*An empirical evaluation of antithetic variates/	Adlakha, V. G.	23	Jan.
Array processors*Behavioral Simulation of Array Processors in the/	Distante, F.	264	Oct.
Artificial neural networks*Controlling a truck with an adaptive/	Shelton, R. O.	319	May
Awards Presentation Highlight SCSC Dinner and 40th Anniversary/	Stockton, C.	169	Sept.
Bead model*Simulation of single tether systems/	Carter, J. T.	42	Jan.
Behavioral design*Behavioral Simulation of Array Processors in the/	Distante, F.	264	Oct.
Behavioral simulation of array processors in the APES environment	Distante, F.	264	Oct.
Behavioral simulation*Behavioral Simulation of Array Processors in/	Distante, F.	264	Oct.
Biologically-based modeling*Simulating biological vision with/	Sajda, P.	47	July
Block-oriented network simulator(BONeS), A	Shanmugan, K.	83	Feb.
Bond graph and block diagram modeling*Extendible simulation/	Rosenberg, R. C.	175	Mar.
Bond graphs*Hierarchical non-linear bond graphs: A unified/	Cellier, F. E.	230	Apr.
Book Review	Halfon, E.	228	Apr.
Book Review	Harris, D.W.G.	385	June
Bringing experimental learning to economics: An illustration/	Saeed, K.	386	June
CAD data base*Simulation modeling of human behavior in buildings	Ozel, F.	377	June
Cardiovascular dynamics*Simulation of hemodynamics and/	Sun, Y.	28	July
Cardiovascular modeling*Computer simulation of the coronary/	Schreiner, W.	15	July
Cascaded VLSI neural network chips: hardware learning for pattern/	Brown, T.X.	340	May
CGA*Real-time simulation and animation for dynamic control/	Cheok, K. C.	246	Oct.
Challenging ring networks*The simulation of decentralized control/	Gagliano, R. A.	398	June

1992 Annual Index for *SIMULATION*

Issues from Volume 58, Number 1 through Volume 59, Number 6

The following 1992 Annual Index contains two parts: a title and key word listing, and an author listing. All pertinent information concerning an article will be found in the author listing under the name of the first author. Co-authors, title, month of issue, pages, and the number of references, figures, and tables are shown.

The title and keyword listing shows the title, name of the first author, the page number on which the article begins and month of publication. Also listed are keywords followed by title entries for the article in question. The average article is listed five times. Keywords are marked by an asterisk, followed by the title entry; a slash / indicates that a title has been truncated.

All material published in the journal has been indexed except letters to the editor, calls for papers, and notices and programs of meetings. Advertisers are not indexed.

Title and Keyword Listing

Adaption*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Adaptive critic*Controlling a truck with an adaptive critic CMAC/	Shelton, R. O.	319	May
Adaptive systems*A "neural" network model that supports realtime/	Morrison, J. D.	152	Sept.
Adaptive-control cybernetics*Induction of decision making rules for/	Clymer, J. R.	198	Sept.
AI & Simulation	Wildberger, M.	4	Jan.
AI & Simulation	Wildberger, M.	148	Mar.
AI & Simulation	Wildberger, M.	269	Apr.
AI & Simulation	Wildberger, M.	364	June
AI & Simulation	Wildberger, M.	77	Aug.
AI & Simulation	Wildberger, M.	149	Sept.
AI & Simulation	Wildberger, M.	221	Oct.
AI & Simulation	Wildberger, M.	285	Nov.
AI & Simulation	Wildberger, M.	357	Dec.
Analog model*Simulation of hemodynamics and regulatory/	Sun, Y.	28	July
Analytical computer simulation of a complete battlefield environment	Smith, R.	7	Jan.
Animation*Real-time simulation and animation for dynamic control/	Cheok, K. C.	246	Oct.
Anticipatory fuzzy logic controller utilizing neural net prediction	McCullough	327	May
Antithetic variates*An empirical evaluation of antithetic variates/	Adlakha, V. G.	23	Jan.
Array processors*Behavioral Simulation of Array Processors in the/	Distante, F.	264	Oct.
Artificial neural networks*Controlling a truck with an adaptive/	Shelton, R. O.	319	May
Awards Presentation Highlight SCSC Dinner and 40th Anniversary/	Stockton, C.	169	Sept.
Bead model*Simulation of single tether systems/	Carter, J. T.	42	Jan.
Behavioral design*Behavioral Simulation of Array Processors in the/	Distante, F.	264	Oct.
Behavioral simulation of array processors in the APES environment	Distante, F.	264	Oct.
Behavioral simulation*Behavioral Simulation of Array Processors in/	Distante, F.	264	Oct.
Biologically-based modeling*Simulating biological vision with/	Sajda, P.	47	July
Block-oriented network simulator(BONeS), A	Shanmugan, K.	83	Feb.
Bond graph and block diagram modeling*Extendible simulation/	Rosenberg, R. C.	175	Mar.
Bond graphs*Hierarchical non-linear bond graphs: A unified/	Cellier, F. E.	230	Apr.
Book Review	Halfon, E.	228	Apr.
Book Review	Harris, D.W.G.	385	June
Bringing experimental learning to economics: An illustration/	Saeed, K.	386	June
CAD data base*Simulation modeling of human behavior in buildings	Ozel, F.	377	June
Cardiovascular dynamics*Simulation of hemodynamics and/	Sun, Y.	28	July
Cardiovascular modeling*Computer simulation of the coronary/	Schreiner, W.	15	July
Cascaded VLSI neural network chips: hardware learning for pattern/	Brown, T.X.	340	May
CGA*Real-time simulation and animation for dynamic control/	Cheok, K. C.	246	Oct.
Challenging ring networks*The simulation of decentralized control/	Gagliano, R. A.	398	June

Chemical process*Study of modeling and simulation for a chemical/	Habchi, G.	366	June
CMAC architectures*Controlling a truck with an adaptive critic/	Shelton, R. O.	319	May
Code generation*Workstation for integrated system design and/	Cosic, K.	152	Mar.
Cognitive functions*A general purpose simulation environment/	Mesrobian, E.	286	Nov.
Cognitive mapping*Simulation modeling of human behavior in/	Ozel, F.	377	June
Collision sense multiple access*Simulation of multiple access/	Finn, A.	123	Feb.
Communications networks*Development of design guidelines for/	Cobb, R.	270	Apr.
Comparative study between Petri Net and SLAM	Taqi, A.A.Q.	339	Nov.
Compartmental modeling*A multicompartmental model which/	Charkes, N. D.	7	July
Computer graphics*Real-time simulation and animation for dynamic/	Cheok, K. C.	246	Oct.
Computer modeling*NEXUS: A simulation environment for large-scale/	Sajda/P.	398	Dec.
Computer simulation*Bringing experimental learning to economics	Saeed, K.	386	June
Computer simulation of the coronary circulation: Implications for/	Schreiner, W.	15	July
Connectivity patterns*A general purpose simulation environment/	Mesrobian, E.	286	Nov.
Context sensitive systems*Induction of decision making rules for/	Clymer, J. R.	198	Sept.
Continuous and discrete simulation*Neural networks Simulation/	Padgett, M. L.	295	May
Control Structures Interaction Suitcase Demonstrator*An/	McCullough, C. L.	327	May
Controlling a truck with an adaptive critic CMAC design	Shelton, R.O.	319	May
Cooperative strategies*The simulation of decentralized control/	Gagliano, R. A.	398	June
Coronary circulation*Computer simulation of the coronary/	Schreiner, W.	15	July
Coronary circulation*Simulation of hemodynamics and regulatory/	Sun, Y.	28	July
COSMOS: A simulation language for continuous, discrete and/	Kettenis, D.	32	Jan.
CSSL's and simulation of gas well behavior/	Stocker, R. K.	249	Apr.
CSSL's and simulation of gas well behavior	Stocker, R.	249	Apr.
Data-driven simulators*Guidelines for the design of data driven/	Pidd, M.	237	Oct.
Database management*Model input management: A case study	Standridge, C. R.	199	Mar.
Debugging*MADCAPP: Measurement and analysis of high-level/	Gillis, C. W.	127	Aug.
Decentralized models of control*The simulation of decentralized/	Gagliano, R. A.	398	June
Decision maker*Model input management: A case study	Standridge, C. R.	199	Mar.
Decision support systems*PCRS: A decision support system for/	Meidt, G. J.	183	Sept.
Development of design guidelines for local area CSMA/CD networks	Cobb, R.	270	Apr.
Digital real time simulation*Workstation for integrated system design/	Cosic, K.	152	Mar.
Discrete simulation*Extending resources to multiple busy states/	Deuermeyer, B.L.	17	Jan.
Discrete simulation*Simulation modeling of human behavior in/	Ozel, F.	377	June
Discrete Simulation*A large scale simulation model for analyzing/	Evans, G.	366	Dec.
Discrete-event simulation*HARVEST: A generalized animal/	Stewart, D. J.	57	July
Discrete-event simulation*Modeling service distributions in queueing/	Raatikainen, K. E. E.	116	Aug.
Discretization methods*Workstation for integrated system design/	Cosic, K.	152	Mar.
Distributed algorithms*MADCAPP: Measurement and analysis of/	Gillis, C. W.	127	Aug.
distributed debuggingMADCAPP: Measurement and analysis of high-/	Gillis, C. W.	127	Aug.
Domain-specific*Guidelines for the design of data driven generic/	Pidd, M.	237	Oct.
Dynamic control system*Real-time simulation and animation/	Cheok, K. C.	246	Oct.
Dynamic physical system simulation*Extendible simulation software/	Rosenberg, R. C.	175	Mar.
Dynamic simulation*Modeling and simulation of a six-legged walking/	Nair, S. S.	185	Mar.
Dynamic simulation*Simulation of single tether systems	Carter, J. T.	42	Jan.
Earnings*Simulating management's earnings - per-share forecasts	Cameron, A. B.	222	Apr.
Eastern wild turkey*HARVEST: A generalized animal population/	Stewart, D. J.	57	July
Eccentric fixation*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Ecology*Techniques for sensitivity analysis of simulation models/	Kleijnen, J. P. C.	410	June
Economic development*Bringing experimental learning to economics	Saeed, K.	386	June
Editorial	Linn, H.	147	Mar.
Editorial	Linn, H.	291	May
Editorial	Linn, H.	4	July
Editorial	Linn, H.	284	Nov.
EGA*Real-time simulation and animation for dynamic control/	Cheok, K. C.	246	Oct.
Election of fellows, dues increase, strategic planning highlight/	Stockton, C.	164	Sept.
Electric machine simulation program (EMSP)*Simulating electric/	Gross, C. A.	348	May
Emergency egress modeling*Simulation modeling of human behavior/	Ozel, F.	377	June
Emergency Management and Engineering Update	Sullivan, J.	375	June
Emergency Management and Engineering Update: Who & What/	McCoy, L.C.	254	Oct.
Empirical evaluation of antithetic variates and quasirandom points/	Adlakha, V.	23	Jan.
Engineering*CSSL's and simulation of gas well behavior	Stocker, R. K.	249	Apr.
European Simulation News	Geril, P.	196	Mar.

European Simulation News	Geril, P.	101	Aug.
European Simulation News	Geril, P.	257	Oct.
Experimental design*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Expert systems*Simulating electric machine performance	Gross, C. A.	348	May
Extendible simulation software for dynamic systems	Rosenberg, R.	175	Mar.
Extending resources to multiple busy states in discrete simulation	Deuermeyer, B.L.	17	Jan.
Extrapolation of Macky-Glass data using Cascade Correlation	Ensley, D.	289	May
Eye fixation*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Eye movement*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Factorial design*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Floating point arithmetic*OMEGA: A reconfigurable transputer-based/	Morse, M. J.	163	Mar.
Forecasts*Simulating management's earnings - per-share forecasts	Cameron, A. B.	222	Apr.
Fuzzy logic*An anticipatory fuzzy logic controller utilizing neural/	McCullough, C. L.	327	May
Fuzzy-control*Induction of decision making rules for context/	Clymer, J. R.	198	Sept.
Gas flow*CSSL's and simulation of gas well behavior	Stocker, R. K.	249	Apr.
General purpose simulation environment for neural models, A	Mesbrian, E.	286	Nov.
Geophysical simulation*Simulation of the experiment data from/	Thuillier, G.	78	Aug.
Global-reasoning*Induction of decision making rules for context /	Clymer, J. R.	198	Sept.
Greenhouse effect*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Guest Editorial*Life sciences simulation	Sun, Y.	6	July
Guest Editorial*Neural networks simulation: modeling for applications	Padgett, M.	292	May
Guest Editorial*Simulation of communication-computer networks	Sankar, R.	76	Feb.
Guidelines for the design of data driven generic simulators for specific/	Pidd, M.	237	Oct.
HARVEST: A generalized animal population growth simulation	Stewart, D.	57	July
Hierarchical network*Simulation of multiple access protocols for/	Finn, A.	123	Feb.
Hierarchical non-linear bond graphs: A unified methodology for/	Cellier, F.	219	Apr.
Hostless architectures*The simulation of decentralized control: a/	Gagliano, R. A.	398	June
Human behavior in fire emergencies*Simulation modeling of human/	Ozel, F.	377	June
Human perception*Simulating biological vision with hybrid neural/	Sajda, P.	47	July
Human-in-the-loop simulation*SARPI: A simulator for assessing/	Ketcham, M. G.	172	Sept.
Hunting regulations*HARVEST: A generalized animal population/	Stewart, D. J.	57	July
Hybrid systems*Simulating biological vision with hybrid neural/	Sajda, P.	47	July
Impulse response*Impulse response model for a class of high-level/	Graham, J. W.	108	Aug.
Impulse response model for a class distributed parameter system	Graham, J.	108	Aug.
Induction*Induction of decision making rules for context sensitive/	Clymer, J. R.	198	Sept.
Induction of decision making rules for context sensitive systems	Clymer, J.R.	198	Sept.
Industrial environment*A simulation model for determining/	Duffuaa, S. O.	93	Aug.
Industry News	O'Niell, B.	5	Jan.
Industry News	O'Neill, B.	150	March
Information systems development*Knowledge-based model/	Sakthivel, S.	223	Oct.
Information systems modeling*Knowledge-based model/	Sakthivel, S.	223	Oct.
Initial assessment of discriminant surface complexity for power law/	Solka, F.	311	May
Integrated system design & development*Workstation for integrated/	Cosic, K.	152	Mar.
Interactive simulation*SARPI: A simulator for assessing cognitive/	Ketcham, M. G.	172	Sept.
Interactive Simulation*NEXUS: A simulation environment for large-scale/	Sajda/P	358	Dec.
Joint distribution of service demands*Modeling service distributions/	Raatikainen, K. E. E.	116	Aug.
Knowledge-based model construction for simulating information systems	Saktivel, S.	223	Oct.
Knowledge base*A "neural" network model that supports realtime/	Morrison, J. D.	152	Sept.
Knowledge representation*Knowledge-based model construction for/	Sakthivel, S.	223	Oct.
L language for parallel processor machines, The	Diehl, J.B.	49	Jan.
L language*The L language for parallel processor machines	Diehl, J. B.	49	Jan.
Languages for parallel processing*The L language for parallel/	Diehl, J. B.	49	Jan.
Layered simulation of bridge protocols for multi-LAN ethernet/	Parr, G.	109	Feb.
Learning systems*Bringing experimental learning to economics	Saeed, K.	386	June
Least squares*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Legged robots*Modeling and simulation of a six-legged walking/	Nair, S. S.	185	Mar.
Linear quadratic regulator*An anticipatory fuzzy logic controller/	McCullough, C. L.	327	May
Local area networks*Development of design guidelines for local area/	Cobb, R.	270	Apr.
Logistics models*An object-oriented simulation environment/	Popken, D.	328	Nov.
Mackey-Glass data*Extrapolation of Mackey-Glass data using/	Ensley, D.	333	May
Macular disease*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
MADCAPP: Measurement and analysis of high-level communications	Gillis, C.	127	Aug.
Mail Box		183	Mar.

Mail Box	393	June
Mail Box	46	July
Maintenance crew*A simulation model for determining maintenance/	Duffuaa, S. O.	93 Aug.
Man-made objects*An initial assessment of discriminant surface/	Solka, J. L.	311 May
Manufacturing simulation*Extending resources to multiple busy states/	Deuermeyer, B. L.	17 Jan.
Manufacturing System Design*A large scale simulation model for/	Evans, G.	Dec.
Manufacturing systems*Guidelines for the design of data driven/	Pidd, M.	237 Oct.
Map data*Cascaded VLSI neural network chips: Hardware/	Brown, T. X.	340 May
Map-image pixels*Cascaded VLSI neural network chips: Hardware/	Brown, T. X.	340 May
MASS*Model input management: A case study	Standridge, C. R.	199 Mar.
Mathematical model*Impulse response model for a class of high-level/	Graham, J. W.	108 Aug.
Mathematical models*Simulating management's earnings - per-share/	Cameron, A. B.	222 Apr.
Message from the President	Malstrom, C.	26 July
Message from the VP of Publications	Kheir, N.	145 Mar.
Metamodel*Techniques for sensitivity analysis of simulation models/	Kleijnen, J. P. C.	410 June
Metamodels*PCRSIM: A decision support system for simulation/	Meidt, G. J.	183 Sept.
Micro Passim*HARVEST: A generalized animal population growth/	Stewart, D. J.	57 July
Microcomputers*Monte Carlo simulation on microcomputers	Uyeno, D.	418 June
Model design*Hierarchical non-linear bond graphs: A unified/	Cellier, F. E.	230 Apr.
Model input management: a case study	Standridge, C.	199 Mar.
Modeling input processes*Modeling service distributions in /	Raatikainen, K. E. E.	116 Aug.
Modeling and simulation of networks using CSIM	Edwards, G.	129 Feb.
Modeling and simulation of a six-legged walking robot power system	Nair, S.	185 Mar.
Modeling service distributions in queueing network simulations	Raatikainen, K.	116 Aug.
Modeling techniques*Hierarchical non-linear bond graphs: A unified/	Cellier, F. E.	230 Apr.
Modified connectionist memory unit*A "neural" network model/	Morrison, J. D.	152 Sept.
Model input management; a case study	Standridge, C.	199 Mar.
Modeling and simulation software for dynamic systems	Nair, S.	185 Mar.
Monte Carlo*Monte Carlo simulation on microcomputers	Uyeno, D.	418 June
Monte-Carlo experiments*A simulation technique for estimation in/	Adlakha, V. G.	258 Apr.
Monte Carlo simulation on microcomputers	Uyeno, D.	418 June
Multicompartmental model which simulates the Thallium-201 exercise/	N. David Charkes	7 July
Multiprocessor resources*Workstation for integrated system design/	Cosic, K.	152 Mar.
Neural network model that supports realtime learning of temporal	Morrison, J.D.	152 Sept.
National Hazards Research and Applications Information Center	Myers, M.F.	134 Aug.
Neural net*An anticipatory fuzzy logic controller utilizing neural net/	McCullough, C. L.	327 May
Neural network model*A "neural" network model that supports/	Morrison, J. D.	152 Sept.
Neural network*Cascaded VLSI neural network chips: Hardware/	Brown, T. X.	340 May
Neural networks*A general purpose simulation environment/	Mesrobian, E.	286 Nov.
Neural networks*An initial assessment of discriminant surface/	Solka, J. L.	311 May
Neural networks*Neural networks Simulation: Modeling for/	Padgett, M. L.	295 May
Neural networks*Simulating biological vision with hybrid neural/	Sajda, P.	47 July
Neural networks*NEXUS: A simulation environment for large-scale/	Sajda/P	358 Dec.
Neural networks and simulation: Modeling for applications	Padgett, M.L.	295 May
Neurocontrol*Controlling a truck with an adaptive critic CMAC/	Shelton, R. O.	319 May
Neural simulation *NEXUS: A simulation environment for large-scale/	Sajda/P	358 Dec.
Noise effects*Simulation of the experiment data from WINDII flown/	Thuillier, G.	78 Aug.
Numerical integration*Simulation of hemodynamics and regulatory/	Sun, Y.	28 July
Numerical integration*Workstation for integrated system design and/	Cosic, K.	152 Mar.
Object orient programming*Extendible simulation software for/	Rosenberg, R. C.	175 Mar.
Object oriented data bases*An object-oriented simulation environment/	Popken, D.	328 Nov.
Object oriented simulation*An object-oriented simulation environment/	Popken, D.	328 Nov.
Object-oriented simulation environment for airbase logistics	Popken, D.	328 Nov.
Oculomotor adaptation with virtual reality scotomas	Bertera, J.	37 July
OMEGA: A reconfigurable transputer-based digital simulator	Morse, M.	163 Mar.
Ontogenic neural networks*Extrapolation of Mackey-Glass data using/	Ensley, D.	333 May
Optical system*Simulation of the experiment data from WINDII/	Thuillier, G.	78 Aug.
Optimal level*A simulation model for determining maintenance/	Duffuaa, S. O.	93 Aug.
Optimization*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410 June
Ordinary differential equations*Workstation for integrated system/	Cosic, K.	152 Mar.
Parallel and distributed processing*Neural networks Simulation/	Padgett, M. L.	295 May
Parallel processing*The L language for parallel processor machines	Diehl, J. B.	49 Jan.
Parallel processors*MADCAP: Measurement and analysis of high-/	Gillis, C. W.	127 Aug.

Partial differential equation*Impulse response model for a class of /	Graham, J. W.	108	Aug.
Pascal*HARVEST: A generalized animal population growth/	Stewart, D. J.	57	July
Pattern classification*Cascaded VLSI neural network chips: Hardware/	Brown, T. X.	340	May
PCRSIM: A decision support system for simulation metamodel construction	Meidt, G.	183	Sept.
PERT*A simulation technique for estimation in perturbed stochastic/	Adlakha, V. G.	258	Apr.
Petri Net*A comparative study between Petri Net and SLAM/	Taqi, A.A.Q.	339	Nov.
Petri Nets*Knowledge-based model construction for simulating/	Sakthivel, S.	223	Oct.
Petroleum inventories*Model input management: A case study	Standridge, C. R.	199	Mar.
Physics*Hierarchical non-linear bond graphs: A unified methodology/	Cellier, F. E.	230	Apr.
Population dynamics*HARVEST: A generalized animal population/	Stewart, D. J.	57	July
Potential in using backpropagation neural networks for facial/	Solheim, I.	306	May
Power law signatures*An initial assessment of discriminant surface/	Solka, J. L.	311	May
Process control interface design*SARPI: A simulator for assessing/	Ketcham, M. G.	172	Sept.
Processing elements*OMEGA: A reconfigurable transputer-based/	Morse, M. J.	163	Mar.
Production workshop*Study of modeling and simulation for a chemical/	Habchi, G.	366	June
Production*A simulation model for determining maintenance staffing/	Duffuaa, S. O.	93	Aug.
Production and Inventory Control*A large scale simulation model for/	Evans, G.	366	Dec.
Quasirandom points*An empirical evaluation of antithetic variates/	Adlakha, V. G.	23	Jan.
Queueing networks*Modeling service distributions in queueing/	Raatikainen, K. E. E.	116	Aug.
Radiosotopes*A multicompartmental model which simulates the/	Charkes, N. D.	7	July
Real-time control*Simulation of multiple access protocols for real-/	Finn, A.	123	Feb.
Realtime languages*The L language for parallel processor machines	Diehl, J. B.	49	Jan.
Real-time simulation and animation for dynamic control systems	Cheok, K.C.	246	Oct.
Regression analysis*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Regulatory mechanisms*Simulation of hemodynamics and/	Sun, Y.	28	July
Report on the National Educational Computing Conference	Roberts, N.	74	Aug.
Resource allocation*The simulation of decentralized control: a/	Gagliano, R. A.	398	June
Response surface methods*PCRSIM: A decision support system for/	Meidt, G. J.	183	Sept.
Risk analysis*Monte Carlo simulation on microcomputers/	Uyeno, D.	418	June
Risk*Monte Carlo simulation on microcomputers/	Uyeno, D.	418	June
Robot system modeling*Modeling and simulation of a six-legged/	Nair, S. S.	185	Mar.
Robust system design*Neural networks Simulation: Modeling for/	Padgett, M. L.	295	May
SARPI: A simulator for assessing cognitive tasks in process control	Ketcham, M.	172	Sept.
Scotoma*Oculomotor adaption with virtual reality scotomas/	Bertera, J. H.	37	July
Sigmoidal activation*Extrapolation of Mackey-Glass data using/	Ensley, D.	333	May
SIMAN-CINEMA (3.5)*Study of modeling and simulation for a/	Habchi, G.	366	June
Simulating biological vision with hybrid neural networks	Sajda, P.	47	July
Simulating cognitive tasks*SARPI: A simulator for assessing/	Ketcham, M. G.	172	Sept.
Simulating electric machine performance	Gross	348	May
Simulating management's earnings-per-share forecasts	Cameron, A.	222	Apr.
Simulation in the Service of Society	Mcleod, J.	68	Jan.
Simulation in the Service of Society	Mcleod, J.	140	Feb.
Simulation in the Service of Society	Mcleod, J.	212	Mar.
Simulation in the Service of Society	Mcleod, J.	283	Apr.
Simulation in the Service of Society	Mcleod, J.	356	May
Simulation in the Service of Society	Mcleod, J.	427	June
Simulation in the Service of Society	Mcleod, J.	68	July
Simulation in the Service of Society	Mcleod, J.	139	Aug.
Simulation in the Service of Society	Mcleod, J.	211	Sept.
Simulation in the Service of Society	Mcleod, J.	275	Oct.
Simulation in the Service of Society	Mcleod, J.	348	Nov.
Simulation in the Service of Society	Mcleod, J.	68	Dec.
Simulation languages*CSSL's and simulation of gas well behavior	Stocker, R. K.	249	Apr.
Simulation languages*The L language for parallel processor machines	Diehl, J. B.	49	Jan.
Simulation model for determining maintenance staffing in an industrial/	Duffuaa, S.O.	93	Aug.
Simulation modeling*Knowledge-based model construction for/	Sakthivel, S.	223	Oct.
Simulation modeling of human behavior in buildings	Ozel, F.	377	June
Simulation of decentralized control: A hostless resource allocation model	Gagliano, R.	398	June
Simulation of the experiment data from WINDII flow on the UARS-NASA/	Thuillier, G.	78	Aug.
Simulation of hemodynamics and regulatory mechanisms in the/	Sun, Y.	28	July
Simulation real-time*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Simulation of flow control schemes-backpressure and window control	Chan, H.W.	95	Feb.

SIMULATION: A powerful tool for prototyping telecommunication networks	Mouftah, H.T.	78	Feb.
Simulation of multiple access protocols for real-time control	Finn, A.	123	Feb.
Simulation of a single tether system	Carter, J.T.	42	Jan.
Simulation technique for estimation in perturbed stochastic activity/	Adlakha, V.G.	258	Apr.
Simulation*A multicompartmental model which simulates the/	Charkes, N.D.	7	July
Simulation*Computer simulation of the coronary circulation/	Schreiner, W.	15	July
Simulation*Techniques for sensitivity analysis of simulation models/	Kleijnen, J. P. C.	410	June
Simulation system*A general purpose simulation environment/	Mesrobian, E.	286	Nov.
Simulator*OMEGA: A reconfigurable transputer-based digital/	Morse, M. J.	163	Mar.
Single event operations research models*Analytical computer/	Smith, R. D.	7	Jan.
Sinusoidal activation*Extrapolation of Mackey-Glass data using/	Ensley, D.	333	May
SLAM*A comparative study between Petri Net and SLAM/	Taqi, A.A.Q.	339	Nov.
SLAM Network*A comparative study between Petri Net and SLAM/	Taqi, A.A.Q.	339	Nov.
Software Review	Bettinger, R.	229	Apr.
Space instrument*Simulation of the experiment data from WINDII/	Thuillier, G.	78	Aug.
Special 40th Anniversary Section	Clymer, B.	303	Nov.
Spreadsheet*Monte Carlo simulation on microcomputers	Uyeno, D.	418	June
State-space analysis*Simulation of hemodynamics and regulatory/	Sun, Y.	28	July
Statistical analysis in simulation*Extending resources to multiple/	Deuermeyer, B. L.	17	Jan.
Statistical models*Development of design guidelines for local area/	Cobb, R.	270	Apr.
Strategic Planning Initiative	Sisle, M.	270	Oct.
Stochastic network*A simulation technique for estimation in perturbed/	Adlakha, V. G.	258	Apr.
Stochastic network*An empirical evaluation of antithetic variates/	Adlakha, V. G.	23	Jan.
Stress test*A multicompartmental model which simulates the Thallium/	Charkes, N.D.	7	July
Study of modeling and simulation for a chemical production system	Habchi, G.	366	June
Support system*Analytical computer simulation of a complete/	Smith, R. D.	7	Jan.
Suspension system*Real-time simulation and animation for dynamic/	Cheok, K. C.	246	Oct.
System decomposition*Workstation for integrated system design/	Cosic, K.	152	Mar.
System dynamics*Bringing experimental learning to economics	Saeed, K.	386	June
System integration*Modeling and simulation of a six-legged walking/	Nair, S. S.	185	Mar.
System simulation*Simulation of the experiment data from WIND II/	Thuillier, G.	78	Aug.
Task allocation*Workstation for integrated system design and/	Cosic, K.	152	Mar.
Techniques for sensitivity analysis of simulation models: A case study/	Kleijnen, J.	410	June
Terrain*An initial assessment of discriminant surface complexity/	Solka, J. L.	311	May
Tethered satellite system*Simulation of single tether systems	Carter, J. T.	42	Jan.
Thallium-201*A multicompartmental model which simulates the/	Charkes, N.D.	7	July
Thermodynamics*Hierarchical non-linear bond graphs: A unified/	Cellier, F. E.	230	Apr.
Timed Petri-Net*A comparative study between Petri Net and SLAM/	Taqi, A.A.Q.	339	Nov.
Time series models*Simulating management's earnings - per-share/	Cameron, A. B.	222	Apr.
Tracking system*Real-time simulation and animation for dynamic/	Cheok, K. C.	246	Oct.
Transputers*OMEGA: A reconfigurable transputer-based digital/	Morse, M. J.	163	Mar.
Validation*Techniques for sensitivity analysis of simulation models/	Kleijnen, J. P. C.	410	June
Variance reduction*An empirical evaluation of antithetic variates/	Adlakha, V. G.	23	Jan.
Virtual reality*Oculomotor adaption with virtual reality scotomas	Bertera, J. H.	37	July
Vision*Simulating biological vision with hybrid neural networks	Sajda, P.	47	July
Visual display*MADCAPP: Measurement and analysis of high-level/	Gillis, C. W.	127	Aug.
Warfare*An initial assessment of discriminant surface complexity/	Solka, J. L.	311	May
Weapons systems*Analytical computer simulation of a complete/	Smith, R. D.	7	Jan.
What-if analysis*A simulation technique for estimation in perturbed/	Adlakha, V. G.	258	Apr.
What-if analysis*Techniques for sensitivity analysis of simulation/	Kleijnen, J. P. C.	410	June
Workstation for integrated system design and development	Cosic, K.	145	Mar.

Author Listing

R = # of References F = # of Figures T = # of Tables

- Adlakha, V. G. An empirical evaluation of antithetic variates and quasirandom points for simulating stochastic networks Jan pp. 23-31 R 23 F3 T5
- Adlakha, V. G. A simulation technique for estimation in perturbed stochastic activity networks Apr pp. 258-267 R 10 F 2 T 6
- Agarwal, R. See Sakthivel, S.
- Ahmed, N. A comparative study between Petri-Net and SLAM Nov pp. 339 - 344 R9 F 14 T 1
- Alexander, S.M. see Evans, G.W.
- Al-Sammak, A.J. A comparative study between Petri-Net and SLAM Nov pp. 339 - 344 R9 F 14 T 1
- Ariel, P. D. See Stocker, R. K.
- Arsham H. See Adlakha, V. G. (Apr)
- Azria, G. See Thuillier, G.
- Bauer, K. W., Jr. See Meidt, G. J.
- Bergamini, E. W., See Diehl, J. B.
- Bettinger, R. Review of Software *UniFit II Software Package* Apr p. 229
- Bertera, J. H. Oculomotor adaption with virtual reality scotomas Jul pp. 37-43 R 12 F 5
- Bielkowitz, P. See Parr, G.
- Biles, W.E. see Evnas, G.W.
- Bove, A. A. See Charkes, N. D.
- Brown, T. X. Cascaded VLSI neural network chips: Hardware learning for pattern recognition and classification May pp. 340-346 R 13 F 5
- Butler, D. See Myers, M. F.
- Camara, A. S. Multidimensional Simulation Applied to Water Resources Management Aug. pp. 139-144 F 3
- Cameron, A. B. Simulating management's earnings-per-share forecasts Apr pp. 222-227 R 35 T 6
- Carter, J. T. Simulation of single tether systems Jan pp. 42-48 R 17 F10
- Castain, R. See Solheim, I.
- Cellier, F. E. Hierarchical non-linear bond graphs: A unified methodology for modeling complex physical systems Apr pp. 230-248 R 17 F 32 T 1
- Chan, H. W. Simulation of flow control schemes-backpressure and window control Feb pp. 95-107 R 15 F 19 T 7
- Charkes, N. D. A multicompartmental model which simulates the Thallium-201 exercise stress test Jul p. 7-12 R 11 F 7 T 3
- Cheng, D. J. See Clymer, J. R.
- Cheok, K. C. Real-time simulation and animation for dynamic control systems Oct. pp. 246-252 R 13 F 12
- Chiaromida, S. See Sun, Y. Jul pp. 28-36
- Christophe, J. See Thuillier, G.
- Clymer, A. B. Some Specifications for Simulations in Planet Planning Oct. pp. 275-280 R 27
- Clymer, J. R. Induction of decision making rules for context sensitive systems Sep. pp. 198-207 R 18 F 15
- Cobb, R. Development of design guidelines for local area CSMA/CD networks Apr pp. 270-279 R 22 F 4 T 4
- Coombs, N. Bringing the Mountain to Muhammad: Online Services and the Disabled Computer User Feb pp. 142-144
- Cosic, K. Workstation for integrated system design and development Mar pp. 152-162 R 22 F 15 T 1
- Coury, B. See Ketcham, M. G.
- Cox, F. R. See Young, J. H.
- Curry, G. L. See Deuermeyer, B. L.
- Daud, T. See Brown, T. X.
- De Blasi, M. New Global Resources: WAUSE Feb pp. 142-143
- Decker, R. See Finn, A.
- Deloule, F. See Habchi, G.
- Deuermeyer, B. L. Extending resources to multiple busy states in discrete simulation Jan pp. 17-21 R 4
- Diehl, J. B. The L language for parallel processor machines Jan pp. 49-61 R 7 F5
- Distante, F. Behavioral Simulation of Array Processors in the APES Environment Oct. pp. 264-270 R 8 F 3
- Duffuaa, S. O. A simulation model for determining maintenance staffing in an industrial environment Aug. pp. 93-99 R 10 F 6 T 6
- Duong, T. See Brown, T. X.
- Edwards, G. Modeling and simulation of networks using CSIM Feb pp. 131-136 R 13
- Ensley, D. Extrapolation of Mackey-Glass data using Cascade Correlation May pp. 333-339 R 8 F 6 T 5
- Evans, G.W. A large scale simulation model for analyzing the production of pipe valves and fittings. Dec. pp. 366-374 R 2 F 7 T 2
- Fairburn, D. T. In Pursuit of Ethics Jun pp. 427-432
- Fauliot, V. See Thuillier, G.
- Ferreira, F. C. See Camara, A. S.
- Finkel, L. H. See Sajda, P.
- Finn, A. Simulation of multiple access protocols for real-time control Feb pp. 123-130 R 17 F 8
- Forsythe, W. See Morse, M. J.
- Fratter, C. See Thuillier, G.
- Fraser, M. D. See Gagliano, R. A.
- Frost, V. S. See Shanmugan, K. S.
- Gagliano, R. A. The simulation of decentralized control: a hostless resource allocation model Jun pp. 398-408 R 31 F 4 T 1
- Gillis, C. W. MADCAP: Measurement and analysis of high-level communications of asynchronous distributed algorithms on parallel processors Aug. pp. 127-133 R 24 F 3
- Girod, F. See Thuillier, G.
- Graham, J. W. Impulse response model for a class of distributed parameter systems Aug. pp. 108-112 R 2 F 3
- Greene, M. See Carter, J. T.
- Gross, C. A. Simulating electric machine performance May pp. 348-352 R 15 F 5
- Habchi, G. Study of modeling and simulation for a chemical production system Jun pp. 366-374 R 27 F 5
- Halfon, E. Book Review: *Scientific Visualization and Graphics Simulation* by Daniel Thalmann Apr p. 228
- Hansen, C. See Charkes, N. D.
- Harmon, D. See Finn, A.
- Harris, D. W. G. Book Review: *Continuous System Modelling* by F. E. Cellier Jun p. 385
- Hernandez, D. See Clymer, J. R.
- Herse, M. See Thuillier, G.
- Hooper, K. See Ketcham, M. G.
- Huang, N. See Cheok, K. C.

- Ilyas, M. See Roth, P. F.
- Ketcham, M. G. SARPI: A simulator for assessing cognitive tasks in process control Sep. pp. 172-182 R 25 F 5 T 1
- Kettenis, D. L. COSMOS: A simulation language for continuous, discrete and combined models Jan pp. 32-41 R 10 F 6
- Khair, N. A. A message from the SCS Vice President for Publications Mar p. 149
- Kleijnen, J. P. C. A note on Wild and Pignatiello's experimental design strategy Jun pp. 393-394 R 5
- Kleijnen, J. P. C. Techniques for sensitivity analysis of simulation models: A case study of the CO2 greenhouse effect Jun pp. 410-417 R 18 F 1 T 2
- Kopriva, I. See Cosic, K.
- LaRue, W. See Shanmugan, K. S.
- Laval, D. K. See Standridge C. R.
- Loucks, D. P. See Camara, A. S.
- Malstrom C. President's Message Jul p. 13-14
- Mansfield, E. R. See Cob, R.
- Martin, C. K. See Young, J. H.
- Maurer, A. H. See Charkes, N. D.
- McClurg, C. See Finn, A.
- McCoy, L. C. Who, and What is the National Institute for Urban Search and Rescue Oct. pp. 254-255
- McCullough, C. L. An anticipatory fuzzy logic controller utilizing neural net prediction May pp. 327-332 R 4 F 10
- McLeod, J. Simulation in the Service of Society Jan pp. 68-71 R 1; Feb pp. 140-144; Apr p. 283-287; May pp. 356-360; Jun pp. 427-432; Jul pp. 68-72; Aug. pp. 139-144; Sep. pp. 211-216; Oct. pp. 275-280
- McRae, J. R. See Stocker, R. K.
- Meidt, G. J. PCRSIM: A decision support system for simulation metamodel construction Sep. pp. 183-191 R 16 F 10 T 8
- Mellichamp, J. M. See Cobb, R.
- Mesrobian, E. A general purpose simulation environment for neural models Nov pp. 286-299 R 36 F 9 T 1
- Miler, I. See Cosic, K.
- Morrison, J. D. A "neural" network model that supports realtime learning of temporal relationships in complex engineering domains Sep. pp. 152-163 R 15 F 14
- Morse, M. J. OMEGA: A reconfigurable transputer-based digital simulator Mar pp. 163-173 R 18 F 8 T 2
- Mouftah, H. T., See Roth, P. F.
- Myers, M. F. The Natural Hazards Research and Applications Information Center Aug. pp. 134-135.
- Nair, S. S. Modeling and simulation of a six-legged walking robot power system Mar pp. 185-195 R 16 F 14 T 2
- Nelson, D. E. See Ensley, D.
- Nokes, S. E. Simulation of the Temporal Spread of Leafspot and the Effect on Peanut Growth Mar pp. 214-215 F 1
- O'Neil, B. Industry News Apr p. 268; Jul p. 44;
- Oyarzun, F. J. Medicine meets Virtual Reality ("VR") Jul pp. 68-72
- Ozel, F. Simulation modeling of human behavior in buildings Jun pp. 377-384 R 15 F 3
- Padgett, M. L. Neural networks and simulation: Modeling for applications May pp. 295-305 R 37 F 2 T 5
- Padgett, M. L. Neural networks Simulation: Modeling for Applications May pp. 292-293
- Pace, D. K. Simulation, the defense community, and DMSO Jan pp. 62-64
- Parr, G. Layered simulation of Bridge protocols for Multi-LAN Ethernet Communication Systems Feb pp. 109-122 R 38 F 10
- Payne, T. L. See Solheim, I.
- Peterson, J. K. See Shelton, R. O.
- Pidd, M. Guidelines for the design of data driven generic simulators for specific domains Oct. pp. 237-243 R 12 F 6
- Pignatiello, J. J. Jr. See Wild, R. H.
- Piuri, V. See Distant, F.
- Popken, Douglas A., An object-oriented simulation environment for airbase logistics Nov pp. 328-338 R17 F 8
- Priebe, C. E. See Solka, J. L.
- Raatikainen, K. E. E. Modeling service distributions in queueing network simulation Aug. pp. 116-126 R 27 F 7 T 5
- Raouf, A. See Duffuaa, S. O.
- Reid, J. See Rosenberg, R. C.
- Reust J. See Standridge C. R.
- Roberts, N. Report on the National Educational Computing Conference Aug. p. 113
- Rogers, G. W. See Solka, J. L.
- Rosenberg, R. C. Extendible simulation software for dynamic systems Mar pp. 175-183 R 23 F 10
- Roth, P. See Sankar, R.
- Roth P. F. SIMULATION: A powerful too for prototyping telecommunications network Feb pp. 78-82 R 20 F 1
- Rotmans, J. See Kleijnen, J. P. C. Jun pp. 410-417
- Saeed, K. Bringing experimental learning to economics Jun pp. 386-392 R 24 F 2
- Sajda, P. Simulating biological vision with hybrid neural networks Jul pp. 47-55 R 25 F 7
- Sajda, P. NEXUS: A simulation environment for large-scale neural systems 13 F 5
- Sakthivel, S. Knowledge-based model construction for simulating information systems Oct. pp. 223-236 R 44 F 5 T 1
- Sankar, R. Simulation of Communication - Computer Networks Feb p. 76. Also see Edwards, G.
- Sarwal, S. N. See Graham, J. W.
- Schaefer, M. E. See Gagliano, R. A.
- Schreiner, W. Computer simulation of the coronary circulation: Implications for models and therapeutic Coronary Sinus Intervention Jul pp. 15-23 R 38 F 6
- Seixas, M. J. See Camara, A. S.
- Shanmugan, K. S. A block-oriented network simulator (BONeS) Feb pp. 83-94 R 22 F 11
- Shelton, R. O. Controlling a truck with an adaptive critic CMAC design May pp. 319-326 R 10 F 4 T 1
- Siegel, J. A. See Charkes, N.-D.
- Sisile, M. Strategic Planning Initiative Underway Oct. pp. 270
- Skrzypek, J. A general purpose simulation environment for neural models Nov pp. 286-299 R 36 F 9 T 1
- Slaughter, J. B. A Matter of Ethics Apr pp. 283-287
- Smith, R. D. Analytical computer simulation of a complete battlefield environment Jan pp. 7-16 R 15 F 10
- Solheim, I. The potential in using backpropagation neural networks for facial verification systems May pp. 306-310 R 6 T 4 Also see Thuillier, G.
- Solka, J. L. An initial assessment of discriminant surface

- complexity for power law features May pp. 311-318 R 19 F 10 T
- Standridge, C. R. Model input management: A case study Mar pp. 199-208 R 5 F 10
- Standridge, C.R. A method for computing discrete event simulation performance measures from traces. R 16 F 3 T 1
- Stanislav, J. See Stocker R. K.
- Stewart, D. J. HARVEST: A generalized animal population growth simulation Jul pp. 57-64 R 19 F 4 T 2
- Stocker, R. K. CSSL's and simulation of gas well behavior Apr pp. 249-257 R 12 F 7
- Stockton, C. Elections of fellows, dues increases, strategic planning highlight annual meeting of SCS Board of Directors Sep. pp. 164-171
- Sullivan, J. Emergency management & engineering update Jun pp. 375-376, Aug. pp. 134-135; Oct. pp. 254-255
- Sun, Y. Life Sciences Simulation Jul p. 6
- Sun, Y. Simulation of hemodynamics and regulatory mechanisms in the cardiovascular system based on a nonlinear and time-varying model Jul pp. 28-36 R 14 F 9
- Szczerbicka, H. Ethics in the Electronic Information Age - A Whole New Ball Game May pp. 356-360
- Taha, H. A. A Simulation Model for Determining Future Needs at a Drug/Alcohol Treatment Facility Sep. pp. 212-216
- Taqi, A.A.Q. A comparative study between Petri-Net and SLAM Nov pp. 339 - 344 R 9 F 14 T 1
- Thakoor, A. P. See Brown, T. X.
- Thouvenin, J. P. See Thuillier, G.
- Thuillier, G. Simulation of the experiment data from WINDII flown on the UARS/NASA satellite Aug. pp. 78-91 R 15 F 10 T 2
- Utsumi, T. Just in Time! Mar pp. 141-142
- Uyeno, D. Monte Carlo simulation on microcomputers Jun pp. 418-423 R 16 F 5 T 1
- van Ham, G. See Kleijnen, J. P. C. Jun pp. 410-417
- Vansteenkiste, G. European Simulation News Mar 196-198; Aug. pp. 100-107; Oct. pp. 257-260
- Watson, C. E. See Fairburn, D. T.
- Whitesell, J. See Rosenberg, R. C.
- Wild, R. H. A response to Kleijnen's note on Wild and Pignatiello's experimental design strategy Jun pp. 395-396 R 7
- Wildberger, A. M. AI & Simulation Jan p. 4; Mar p. 148; Apr p. 269; Jun p. 364; Jul p. 5; Aug. p. 77; Sep. p. 149; Oct. p. 221
- Young, J. H. A peanut growth and development model Mar pp. 212-214 F 1; Also see Nokes, S. E.

SIMULATION SIMULATION SIMULATION SIMULATION
special issue
CALL FOR PAPERS

SIMULATION is planning to produce a **SPECIAL ISSUE** on high performance computing/computers which is to appear in September, 1993.

Papers for this special issue are being solicited by Professor Mohammad S. Obaidat who is serving as Guest Editor.

Particular topics to be covered will include but not limited to:

- Multiprocessor/Multiprocessing
- Pipeline Computers
- Array Processors
- Cache and Virtual Memories
- Supercomputers/Computing
- RISC Processors
- Neurocomputers
- Fuzzy Logic Processors
- Special-Purpose High-Performance Systems
- Hypercubes
- Data Flow Computers
- Interconnection Networks
- Coprocessors and I/O processors
- Algorithms to Solve Computationally Intensive Problems
- Applications of High Performance Computing

Papers must contain high quality original contribution and should have a clear focus on the role of computer simulation. All papers for this issue will be peer reviewed according to the practices of the magazine **SIMULATION**.

Five copies of the complete manuscript (10-25 double-spaced pages) should be submitted by February 1, 1993 to:

Professor Mohammad S. Obaidat
Dept. of Electrical & Computer Engr.
City College of New York
Convent Ave. at 140th St.
New York, NY 10031
Independence, MO 64050-1799 USA
TEL: (212) 650-6621
FAX: (212) 650-8249
E-MAIL: obaidat@ees1s0.engr.ccny.edu

